Results of Joint Research Activities

To study changes of the farming systems to support elimination of pollutants added to the environment (including GHG)

Project leader: Nguyen Huu Chiem

CONTENT OF THE STUDY:

1. Applicable study of potential activated biochar to absorb nutrients, agro-chemicals and GHGs emission





Experiment 1:Effects of Rice Husk Biochar and Calcium Amendment on Remediation of Saline Soil from Rice-shrimp Cropping System in Vietnamese Mekong Delta







Experiment 3: Capacity of charcoal to reduce effect of pesticide fenobucarb on cholinesterase in climbing perch

2. Study of carbon sequestration and greenhouse gases emission from natural wetlands and paddy rice in the Mekong delta (*)







3. Study on greenhouse gases emission reduction via biochar application from rice husk under different water management conditions (*)





Experiment 1. CH_4 rates emission (mg CH_4 /m²/day)



Experiment 2. Total N_2O emission (mgN_2O/m^2)